

**Abstract of the Disclosure**

A computer (4), a computer program product, and a method for synchronizing a system for aspirating and/or dispensing liquid samples that  
5 comprises a microejection device (1) and a pump (2) which are connected with one another by tubing (3), wherein the computer (4) is capable of being implemented for loading an activatable computer program product for synchronizing the microejection device (1) and pump (2). In the computer (4), computer program product, and method, the  
10 computer (4) is made capable, on the basis of the loaded and activated computer program product, of controlling and synchronizing the following functions of this system:

- Active definition of a sample volume and dispensing of this defined sample volume with the microejection device (1), which is filled with  
15 sample liquid;
- c) Tracking of a part (12, 12', 12''), which conveys the liquid, of the pump (2) around a value, dependent on this sample volume, which is defined and is actively dispensed only by the microejection device (1), to prevent excessive pressure differences in the micro-  
20 jection device (1), tubing (3), and pump (2).

A corresponding system for performing this method is also described.